

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Economics Guidance Memorandum Number 02-03: Current State and County Income Index Data, Current Eligibility Factor Formula (Ability to Pay).

The enclosed information is provided for immediate use. Questions related to this memorandum should be addressed to Brad Fowler, CECW-PG, (202) 761-4231.

FOR THE COMMANDER:

4 Encls

A: Main: Current Income and Eligibility
Formula Data (Filename: ...CurrentDataText.doc)

B: State Per Capita Personal Income
(Filename: StatePCIIndexTable.doc)

C: County Per Capita Personal Income
(Filename: CountyPCIIndexTable.doc)

D: Ability-To-Pay Procedures
(Filename: Able2Pay_ProceduresCFR.doc)

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ENCLOSURE A: MAIN

Economics Guidance Memorandum Number 02-03
Ability to Pay
Current State and County Income Index Data
Current Eligibility Factor Formula.

1. Purpose. This Economic Guidance Memorandum provides current per capita personal income index data and the current Eligibility Factor formula; both are used in applying the Ability-To-Pay test to flood control projects.

2. References.

a. PL 99-662, Section 103(m), Water Resources Development Act (WRDA) of 1986. [Available at http://www.usace.army.mil/inet/functions/cw/cecwp/branches/leg_manage/index.htm]

b. ER 1165-2-121, Flood Control Cost-Sharing Requirements under the Ability-To-Pay Provision – Section 103(m) of PL 99-662, 1 November 1989. This is the Engineering Regulation form of the final rule developed for Section 103(m); the final rule was printed in the Federal Register October 2, 1989 (54 FR 40578). [ER 1165-2-121 is available at <http://www.usace.army.mil/inet/usace-docs/eng-regs/er1165-2-121/toc.htm>]

c. PL 102-580, Section 201, Water Resources Development Act of 1992. [http://www.usace.army.mil/inet/functions/cw/cecwp/branches/leg_manage/index.htm]

d. Final Amended Rule, printed in the Federal Register January 26, 1995 (60 FR 5133). Incorporates Ability-To-Pay changes contained in PL 102-580. [<http://198.17.75.65/fril/1995/19950126/95-1733.txt>]

e. 33 CFR 241. A complete statement of the Ability-To-Pay procedures, including amendments. [http://www.access.gpo.gov/nara/cfr/waisidx_99/33cfr241_99.html]

f. Memorandum for Commanders, Major Subordinate Commands, 27 February 2001. Subject: Implementation of Sections 203(d)(1) and 204 of the Water Resources Development Act of 2000 – Ability to Pay. [http://www.usace.army.mil/inet/functions/cw/cecwp/branches/mp_and_dev/Wrda00/wrda00203-4.PDF]

3. Background. The Water Resources Development Act of 1986 provides for non-Federal cost share savings in some low income areas. Reduced cost shares apply only to flood control projects; cost share reductions are based on an area's ability to pay. WRDA 2000 alters ability-to-pay eligibility conditions, but a final implementation rule is not yet developed or published in the Federal Register, and therefore ability-to-pay cost share

reductions are currently available only to flood damage reduction projects (see reference f).

a. To determine whether or not cost share savings are available to a flood damage reduction project apply the ability-to-pay guidance in reference 2e (33 CFR 241).

b. Per the ability-to-pay guidance, an Eligibility Factor (EF) is to be calculated based on state and county per capita personal income data. There is, in addition, a per capita project construction cost criterion that may affect a sponsor's cost share savings. For application of both of these criteria see the guidance at 33 CFR 241.

4. State and County Income Data and Eligibility Factor (EF) formula.

a. This Economic Guidance Memorandum provides in Enclosures B and C the relevant state and county per capita income data to use in the Eligibility Factor formula. The income data are for the years 1996 to 1998. EF formula coefficients were determined using this data set (per 33 CFR 241) and cannot be applied to income data for other years.

b. The form of the EF formula is:

$$EF = a - b1 \times (\text{state income index}) - b2 \times (\text{county income index})$$

Where state income index is the average over three years of the state per capita income index (state per capita income divided by national per capita income) for the state (or states) in which the project is located

and

county income index is the average over three years of the county per capita income index (county per capita income divided by national per capita income) for the county (or counties) in which the project is located.

c. The parameters a, b1, and b2 have been determined using the state and county per capita index data and the condition that a certain fraction of the counties are to have eligibility factors greater than zero. Until further notice the values of the parameters are:

$$a = 17.90057$$

$$b1 = 0.077461$$

$$b2 = 0.154922$$

5. These per capita income data and EF formula coefficients are for immediate use and should be used until new information is furnished by HQUSACE.

ENCLOSURE B

State Per Capita Personal Income Index Numbers,
State Per Capita Income as a Percent of US Per Capita Income
Average of the Indexes, 1996-1998

STATE	STATE INDEX	STATE	STATE INDEX
Alabama	81.85	Missouri	93.38
Alaska	104.05	Montana	78.11
Arizona	88.25	Nebraska	96.13
Arkansas	78.38	Nevada	108.76
California	103.51	New Hampshire	107.01
Colorado	108.32	New Jersey	125.67
Connecticut	136.83	New Mexico	78.36
Delaware	107.52	New York	118.18
District Of Columbia	136.44	North Carolina	93.00
Florida	99.16	North Dakota	83.51
Georgia	95.18	Ohio	96.02
Hawaii	101.30	Oklahoma	81.27
Idaho	81.59	Oregon	95.86
Illinois	109.70	Pennsylvania	100.95
Indiana	92.37	Rhode Island	103.13
Iowa	91.74	South Carolina	82.54
Kansas	93.94	South Dakota	87.27
Kentucky	81.81	Tennessee	90.45
Louisiana	81.93	Texas	92.44
Maine	86.38	Utah	81.48
Maryland	112.53	Vermont	90.36
Massachusetts	121.72	Virginia	103.33
Michigan	99.15	Washington	104.12
Minnesota	106.78	West Virginia	74.79
Mississippi	72.90	Wisconsin	96.13
		Wyoming	90.02

ENCLOSURE C

County (or Area) Per Capita Personal Income Index Numbers,
County Per Capita Income as a Percent of US Per Capita Income
Average of the Indexes, 1996-1998

County (or area)	3-Yr Average Index
Alabama	
Autauga	77.73
Baldwin	87.98
Barbour	70.43
Bibb	67.24
Blount	73.04
Bullock	57.46
Butler	62.39
Calhoun	75.22
Chambers	69.78
Cherokee	66.32
Chilton	71.40
Choctaw	65.61
Clarke	69.40
Clay	73.05
Cleburne	67.66
Coffee	78.61
Colbert	82.99
Conecuh	66.61
Coosa	64.11
Covington	68.76
Crenshaw	69.34
Cullman	73.60
Dale	71.90
Dallas	65.88
DeKalb	73.91
Elmore	76.95
Escambia	66.43
Etowah	75.42
Fayette	69.47
Franklin	73.55
Geneva	68.91
Greene	54.56
Hale	57.73
Henry	70.26
Houston	85.21
Jackson	74.40
Jefferson	101.51
Lamar	66.77
Lauderdale	78.39
Lawrence	69.49

Lee	71.00
Limestone	75.90
Lowndes	54.90
Macon	58.43
Madison	97.06
Marengo	69.82
Marion	69.61
Marshall	74.56
Mobile	75.19
Monroe	68.01
Montgomery	95.67
Morgan	89.16
Perry	52.44
Pickens	63.60
Pike	72.39
Randolph	66.84
Russell	67.93
Shelby	105.05
St. Clair	72.16
Sumter	55.44
Talladega	66.75
Tallapoosa	76.15
Tuscaloosa	81.88
Walker	73.22
Washington	65.36
Wilcox	50.91
Winston	71.90
Alaska	
Aleutians East Borough	90.35
Aleutians West Census Area	111.49
Anchorage Borough	121.64
Bethel Census Area	65.59
Bristol Bay Borough	168.65
Denali Borough	113.13
Dillingham Census Area	92.76

Fairbanks North Star Borough	94.23
Haines Borough	113.27
Juneau Borough	125.73
Kenai Peninsula Borough	94.15
Ketchikan Gateway Borough	120.43
Kodiak Island Borough	90.17
Lake and Peninsula Borough	68.16
Matanuska-Susitna Borough	71.01
Nome Census Area	77.15
North Slope Borough	109.62
Northwest Arctic Borough	76.47
Pr. of Wales-Outer Ketchikan Census Area	69.13
Sitka Borough	105.38
Skagway-Hoonah-Angoon Census Area	91.50
Southeast Fairbanks Census Area	81.72
Valdez-Cordova Census Area	105.27

Wade Hampton Census Area	47.41
Wrangell-Petersburg Census Area	97.24
Yakutat Borough	97.76
Yukon-Koyukuk Census Area	68.47
Arizona	
Apache	44.00
Cochise	67.65
Coconino	73.36
Gila	67.44
Graham	53.05
Greenlee	73.88
La Paz	79.11
Maricopa	98.85
Mohave	69.65
Navajo	48.82
Pima	83.77
Pinal	60.48
Santa Cruz	57.82
Yavapai	76.16
Yuma	66.72
Arkansas	
Arkansas	82.81
Ashley	75.62
Baxter	80.30
Benton	90.80
Boone	74.41
Bradley	76.58
Calhoun	57.96
Carroll	69.95
Chicot	60.51
Clark	71.18
Clay	66.96
Cleburne	70.40
Cleveland	67.93
Columbia	75.93
Conway	74.14
Craighead	77.34

Crawford	63.23
Crittenden	73.14
Cross	65.35
Dallas	73.12
Desha	64.40
Drew	69.31
Faulkner	84.55
Franklin	66.71
Fulton	51.72
Garland	88.53
Grant	72.78
Greene	67.40
Hempstead	69.85
Hot Spring	62.39
Howard	79.99
Independence	73.98
Izard	58.92
Jackson	71.27
Jefferson	72.07
Johnson	65.48
Lafayette	60.02
Lawrence	63.50
Lee	52.98
Lincoln	51.70
Little River	76.73
Logan	70.35
Lonoke	77.37
Madison	67.51
Marion	60.71
Miller	68.34
Mississippi	72.56
Monroe	65.83
Montgomery	62.33
Nevada	63.99
Newton	49.17
Ouachita	69.34
Perry	58.46
Phillips	57.32
Pike	71.48
Poinsett	67.74
Polk	65.03
Pope	75.11
Prairie	66.47
Pulaski	105.36
Randolph	59.04
Saline	80.06
Scott	68.07
Searcy	58.13
Sebastian	90.52
Sevier	72.09

Sharp	61.03
St. Francis	62.93
Stone	61.67
Union	86.21
Van Buren	60.57
Washington	78.21
White	64.94
Woodruff	66.08
Yell	68.19
California	
Alameda	117.14
Alpine	82.70
Amador	76.80
Butte	77.35
Calaveras	74.70
Colusa	81.63
Contra Costa	132.73
Del Norte	60.39
El Dorado	99.40
Fresno	76.41
Glenn	66.97
Humboldt	80.88
Imperial	63.12
Inyo	86.40
Kern	73.49
Kings	61.32
Lake	79.82
Lassen	63.60
Los Angeles	99.28
Madera	65.27
Marin	193.72
Mariposa	78.39
Mendocino	84.45
Merced	66.97
Modoc	72.80
Mono	89.44
Monterey	104.72
Napa	119.38
Nevada	90.49
Orange	118.69
Placer	116.77
Plumas	87.96
Riverside	82.24
Sacramento	96.29
San Benito	80.05
San Bernardino	74.93
San Diego	101.07
San Francisco	160.57
San Joaquin	78.05

San Luis	
Obispo	90.64
San Mateo	159.85
Santa Barbara	106.40
Santa Clara	146.19
Santa Cruz	115.22
Shasta	81.87
Sierra	85.70
Siskiyou	76.15
Solano	87.15
Sonoma	112.43
Stanislaus	77.90
Sutter	81.58
Tehama	65.32
Trinity	69.14
Tulare	69.79
Tuolumne	74.55
Ventura	105.69
Yolo	97.36
Yuba	39.13
Colorado	
Adams	84.68
Alamosa	73.02
Arapahoe	138.05
Archuleta	62.92
Baca	85.86
Bent	65.72
Boulder	128.98
Chaffee	71.81
Cheyenne	84.24
Clear Creek	102.69
Conejos	52.34
Costilla	59.08
Crowley	58.93
Custer	69.10
Delta	67.26
Denver	135.87
Dolores	68.24
Douglas	124.93
Eagle	134.53
El Paso	95.30
Elbert	87.14
Fremont	62.27
Garfield	87.68
Gilpin	107.83
Grand	93.29
Gunnison	77.40
Hinsdale	82.31
Huerfano	67.20
Jackson	68.62

Jefferson	119.09
Kiowa	111.47
Kit Carson	93.80
La Plata	92.54
Lake	86.31
Larimer	99.54
Las Animas	63.86
Lincoln	63.95
Logan	91.21
Mesa	82.27
Mineral	80.39
Moffat	80.67
Montezuma	73.86
Montrose	77.38
Morgan	79.58
Otero	72.41
Ouray	85.15
Park	83.56
Phillips	88.53
Pitkin	207.98
Prowers	80.12
Pueblo	78.65
Rio Blanco	81.04
Rio Grande	75.29
Routt	113.25
Saguache	51.62
San Juan	77.95
San Miguel	114.22
Sedgwick	90.55
Summit	130.10
Teller	91.41
Washington	88.83
Weld	79.54
Yuma	87.56
Connecticut	
Fairfield	189.75
Hartford	126.02
Litchfield	117.57
Middlesex	123.03
New Haven	118.48
New London	111.00
Tolland	104.91
Windham	94.02
Delaware	
Kent	82.85
New Castle	120.31
Sussex	84.51
District Of Columbia	
District of Columbia	136.44
Florida	

Alachua	89.61
Baker	66.44
Bay	82.10
Bradford	62.62
Brevard	87.92
Broward	106.94
Calhoun	56.19
Charlotte	88.10
Citrus	73.92
Clay	86.96
Collier	158.83
Columbia	70.68
DeSoto	77.85
Dixie	54.66
Duval	98.24
Escambia	81.44
Flagler	80.16
Franklin	70.24
Gadsden	64.85
Gilchrist	57.56
Glades	62.40
Gulf	63.87
Hamilton	52.75
Hardee	72.98
Hendry	79.78
Hernando	80.06
Highlands	81.82
Hillsborough	97.13
Holmes	56.87
Indian River	136.33
Jackson	64.95
Jefferson	70.86
Lafayette	60.40
Lake	83.29
Lee	101.98
Leon	96.62
Levy	65.43
Liberty	57.06
Madison	59.78
Manatee	112.09
Marion	79.48
Martin	149.00
Miami-Dade	88.78
Monroe	118.39
Nassau	96.17
Okaloosa	90.19
Okeechobee	69.76
Orange	95.64
Osceola	70.97
Palm Beach	149.76
Pasco	82.65

Pinellas	111.17
Polk	82.56
Putnam	64.45
Santa Rosa	80.36
Sarasota	137.31
Seminole	103.03
St. Johns	127.79
St. Lucie	78.85
Sumter	61.96
Suwannee	70.66
Taylor	65.87
Union	45.08
Volusia	81.56
Wakulla	85.32
Walton	61.83
Washington	60.02
Georgia	
Appling	65.70
Atkinson	70.83
Bacon	67.37
Baker	71.75
Baldwin	75.75
Banks	72.15
Barrow	74.06
Bartow	79.98
Ben Hill	75.18
Berrien	67.03
Bibb	93.90
Bleckley	77.91
Brantley	61.26
Brooks	64.38
Bryan	72.04
Bulloch	68.51
Burke	59.65
Butts	71.55
Calhoun	73.12
Camden	62.24
Candler	73.01
Carroll	74.52
Catoosa	70.29
Charlton	58.60
Chatham	98.05
Chattahoo-chee	80.81
Chattooga	69.72
Cherokee	93.63
Clarke	85.93
Clay	60.54
Clayton	80.57
Clinch	67.92
Cobb	123.82

Coffee	75.96
Colquitt	69.26
Columbia	82.27
Cook	64.68
Coweta	84.20
Crawford	63.19
Crisp	71.35
Dade	63.91
Dawson	83.42
Decatur	71.56
DeKalb	117.28
Dodge	65.14
Dooley	69.63
Dougherty	83.05
Douglas	85.68
Early	71.36
Echols	65.90
Effingham	75.57
Elbert	72.60
Emanuel	65.62
Evans	72.04
Fannin	65.82
Fayette	112.25
Floyd	86.24
Forsyth	112.62
Franklin	80.25
Fulton	150.69
Gilmer	72.41
Glascocock	74.72
Glynn	98.20
Gordon	75.91
Grady	64.66
Greene	70.99
Gwinnett	111.31
Habersham	81.45
Hall	88.82
Hancock	62.55
Haralson	69.55
Harris	88.95
Hart	72.50
Heard	61.77
Henry	80.35
Houston	82.65
Irwin	72.91
Jackson	83.08
Jasper	76.88
Jeff Davis	67.33
Jefferson	63.56
Jenkins	63.42
Johnson	65.75
Jones	79.28

Lamar	69.10
Lanier	61.08
Laurens	75.75
Lee	73.35
Liberty	59.21
Lincoln	66.71
Long	49.92
Lowndes	78.81
Lumpkin	78.50
Macon	69.53
Madison	77.13
Marion	58.17
McDuffie	72.62
McIntosh	57.59
Meriwether	66.23
Miller	76.24
Mitchell	72.12
Monroe	75.09
Montgomery	63.48
Morgan	84.12
Murray	66.38
Muscogee	85.09
Newton	73.97
Oconee	91.18
Oglethorpe	71.84
Paulding	62.13
Peach	73.32
Pickens	90.97
Pierce	69.52
Pike	73.32
Polk	68.78
Pulaski	83.65
Putnam	79.17
Quitman	63.28
Rabun	76.39
Randolph	64.27
Richmond	85.58
Rockdale	93.09
Schley	68.41
Screven	67.74
Seminole	66.87
Spalding	79.17
Stephens	77.53
Stewart	65.58
Sumter	78.20
Talbot	55.17
Taliaferro	61.18
Tattnall	71.36
Taylor	66.13
Telfair	65.15
Terrell	58.95

Thomas	80.09
Tift	80.47
Toombs	68.56
Towns	76.75
Treutlen	60.34
Troup	83.07
Turner	63.18
Twiggs	60.24
Union	69.63
Upton	71.04
Walker	70.06
Walton	72.15
Ware	70.40
Warren	63.11
Washington	80.69
Wayne	68.84
Webster	71.77
Wheeler	65.34
White	82.24
Whitfield	91.97
Wilcox	70.35
Wilkes	76.26
Wilkinson	68.11
Worth	67.70
Hawaii	
Hawaii	74.44
Honolulu	108.41
Kauai	84.93
Maui + Kalawao	57.23
Idaho	
Ada	111.72
Adams	64.72
Bannock	73.28
Bear Lake	55.95
Benewah	70.63
Bingham	63.44
Blaine	142.82
Boise	74.34
Bonner	67.12
Bonneville	80.61
Boundary	60.49
Butte	67.75
Camas	75.29
Canyon	66.56
Caribou	74.32
Cassia	73.36
Clark	82.39
Clearwater	68.29
Custer	80.74
Elmore	77.58

Franklin	55.62
Fremont (includes Yellowstone Park)	57.79
Gem	65.92
Gooding	82.94
Idaho	63.52
Jefferson	61.02
Jerome	80.29
Kootenai	81.68
Latah	76.65
Lemhi	67.98
Lewis	66.90
Lincoln	68.61
Madison	50.47
Minidoka	62.05
Nez Perce	87.34
Oneida	57.57
Owyhee	59.52
Payette	62.52
Power	69.52
Shoshone	70.35
Teton	53.94
Twin Falls	77.65
Valley	85.86
Washington	59.38
Illinois	
Adams	88.10
Alexander	59.59
Bond	74.11
Boone	99.82
Brown	61.56
Bureau	82.62
Calhoun	80.71
Carroll	85.10
Cass	82.27
Champaign	87.75
Christian	84.32
Clark	76.28
Clay	76.83
Clinton	82.89
Coles	81.74
Cook	116.91
Crawford	71.54
Cumberland	78.07
De Witt	86.35
DeKalb	90.33
Douglas	81.91
DuPage	154.75
Edgar	78.27

Edwards	77.36
Effingham	87.50
Fayette	67.21
Ford	88.31
Franklin	64.40
Fulton	73.64
Gallatin	71.92
Greene	60.61
Grundy	104.10
Hamilton	67.19
Hancock	81.67
Hardin	61.99
Henderson	72.89
Henry	85.31
Iroquois	79.31
Jackson	70.80
Jasper	73.71
Jefferson	77.21
Jersey	78.99
Jo Daviess	98.47
Johnson	51.84
Kane	102.29
Kankakee	84.41
Kendall	102.47
Knox	83.73
La Salle	84.61
Lake	157.79
Lawrence	81.93
Lee	79.88
Livingston	85.90
Logan	74.76
Macon	94.72
Macoupin	82.90
Madison	90.54
Marion	80.54
Marshall	85.96
Mason	77.76
Massac	71.78
McDonough	71.27
McHenry	113.15
McLean	100.50
Menard	92.51
Mercer	83.03
Monroe	96.10
Montgomery	75.96
Morgan	83.82
Moultrie	77.72
Ogle	86.26
Peoria	100.60
Perry	68.79
Piatt	93.19

Pike	69.42
Pope	55.56
Pulaski	64.44
Putnam	95.08
Randolph	68.85
Richland	82.43
Rock Island	97.85
Saline	71.56
Sangamon	100.91
Schuyler	68.91
Scott	67.28
Shelby	74.31
St. Clair	83.49
Stark	82.70
Stephenson	96.90
Tazewell	94.54
Union	70.97
Vermilion	77.17
Wabash	73.76
Warren	68.74
Washington	86.74
Wayne	73.71
White	81.52
Whiteside	87.31
Will	95.84
Williamson	78.31
Winnebago	96.92
Woodford	90.65
Indiana	
Adams	81.22
Allen	103.97
Bartholomew	103.75
Benton	83.70
Blackford	73.78
Boone	119.28
Brown	88.09
Carroll	85.26
Cass	83.95
Clark	88.20
Clay	71.79
Clinton	82.87
Crawford	62.97
Daviess	73.63
De Kalb	88.88
Dearborn	84.76
Decatur	86.04
Delaware	86.50
Dubois	102.48
Elkhart	93.53
Fayette	78.95
Floyd	94.14

Fountain	73.62
Franklin	75.89
Fulton	76.60
Gibson	82.30
Grant	80.75
Greene	69.30
Hamilton	143.09
Hancock	102.32
Harrison	79.21
Hendricks	101.78
Henry	84.77
Howard	98.49
Huntington	87.84
Jackson	77.47
Jasper	74.51
Jay	69.25
Jefferson	72.87
Jennings	75.16
Johnson	99.45
Knox	81.11
Kosciusko	91.96
La Porte	85.21
Lagrange	68.11
Lake	90.37
Lawrence	78.43
Madison	84.82
Marion	106.07
Marshall	82.79
Martin	74.07
Miami	75.13
Monroe	82.98
Montgomery	85.74
Morgan	85.03
Newton	69.24
Noble	84.08
Ohio	79.61
Orange	68.20
Owen	63.92
Parke	71.97
Perry	70.74
Pike	76.78
Porter	101.61
Posey	94.04
Pulaski	80.64
Putnam	73.16
Randolph	76.87
Ripley	83.49
Rush	77.86
Scott	70.91
Shelby	87.72
Spencer	75.76

St. Joseph	94.69
Starke	60.72
Steuben	88.27
Sullivan	70.67
Switzerland	60.76
Tippecanoe	86.90
Tipton	93.21
Union	68.95
Vanderburgh	99.20
Vermillion	77.01
Vigo	79.90
Wabash	83.11
Warren	72.18
Warrick	92.30
Washington	69.88
Wayne	84.51
Wells	91.81
White	79.39
Whitley	87.77
Iowa	
Adair	80.10
Adams	79.86
Allamakee	75.27
Appanoose	71.00
Audubon	84.15
Benton	84.09
Black Hawk	89.61
Boone	92.35
Bremer	89.59
Buchanan	78.54
Buena Vista	88.37
Butler	78.70
Calhoun	80.53
Carroll	92.20
Cass	81.11
Cedar	91.46
Cerro Gordo	91.71
Cherokee	84.68
Chickasaw	83.78
Clarke	71.32
Clay	93.43
Clayton	80.70
Clinton	85.94
Crawford	77.91
Dallas	100.26
Davis	67.98
Decatur	60.17
Delaware	78.45
Des Moines	90.41
Dickinson	101.66
Dubuque	90.12

Emmet	86.04
Fayette	76.09
Floyd	82.15
Franklin	86.57
Fremont	80.63
Greene	83.81
Grundy	96.65
Guthrie	80.72
Hamilton	95.67
Hancock	83.78
Hardin	90.07
Harrison	77.28
Henry	82.71
Howard	84.39
Humboldt	92.49
Iida	86.37
Iowa	98.45
Jackson	73.03
Jasper	92.67
Jefferson	83.52
Johnson	101.50
Jones	69.81
Keokuk	74.41
Kossuth	83.51
Lee	83.99
Linn	106.53
Louisa	76.87
Lucas	74.00
Lyon	79.04
Madison	83.56
Mahaska	83.14
Marion	89.16
Marshall	89.71
Mills	96.88
Mitchell	90.58
Monona	77.46
Monroe	80.05
Montgomery	87.14
Muscatine	93.24
O'Brien	88.99
Osceola	85.04
Page	82.58
Palo Alto	86.48
Plymouth	86.18
Pocahontas	87.51
Polk	111.68
Pottawatta-mie	83.41
Poweshiek	89.31
Ringgold	70.54
Sac	80.85

Scott	95.95
Shelby	83.74
Sioux	86.13
Story	92.73
Tama	79.54
Taylor	67.57
Union	75.41
Van Buren	71.71
Wapello	78.72
Warren	85.77
Washington	88.12
Wayne	65.58
Webster	88.25
Winnebago	82.40
Winneshiek	81.08
Woodbury	92.05
Worth	82.15
Wright	91.08
Kansas	
Allen	73.01
Anderson	66.73
Atchison	71.58
Barber	73.28
Barton	81.49
Bourbon	76.48
Brown	77.80
Butler	84.99
Chase	82.72
Chautauqua	62.83
Cherokee	67.36
Cheyenne	81.33
Clark	87.18
Clay	84.28
Cloud	79.65
Coffey	79.25
Comanche	74.81
Cowley	73.34
Crawford	77.03
Decatur	84.64
Dickinson	76.39
Doniphan	76.75
Douglas	76.10
Edwards	93.83
Elk	65.54
Ellis	86.58
Ellsworth	75.37
Finney	78.63
Ford	82.41
Franklin	74.65
Geary	77.39
Gove	82.94

Graham	78.64
Grant	83.50
Gray	95.76
Greeley	87.47
Greenwood	68.37
Hamilton	105.68
Harper	81.75
Harvey	89.73
Haskell	117.97
Hodgeman	82.94
Jackson	79.11
Jefferson	80.65
Jewell	84.44
Johnson	142.84
Kearny	87.19
Kingman	78.90
Kiowa	82.73
Labette	70.00
Lane	92.49
Leavenworth	74.42
Lincoln	74.88
Linn	67.06
Logan	77.88
Lyon	78.51
Marion	67.31
Marshall	92.60
McPherson	89.19
Meade	87.42
Miami	83.39
Mitchell	86.57
Montgomery	73.82
Morris	69.57
Morton	84.86
Nemaha	92.64
Neosho	77.15
Ness	88.19
Norton	81.54
Osage	71.40
Osborne	77.76
Ottawa	77.85
Pawnee	83.22
Phillips	88.60
Pottawatomie	75.85
Pratt	85.61
Rawlins	76.18
Reno	85.08
Republic	80.26
Rice	73.92
Riley	76.01
Rooks	76.06
Rush	78.17

Russell	81.97
Saline	99.86
Scott	97.33
Sedgwick	99.22
Seward	85.99
Shawnee	94.42
Sheridan	103.44
Sherman	88.19
Smith	82.04
Stafford	85.60
Stanton	117.97
Stevens	99.88
Sumner	84.58
Thomas	83.28
Trego	71.07
Wabaunsee	80.83
Wallace	75.41
Washington	77.77
Wichita	121.59
Wilson	71.54
Woodson	64.56
Wyandotte	72.75
Kentucky	
Adair	60.03
Allen	62.84
Anderson	80.00
Ballard	89.38
Barren	78.70
Bath	61.80
Bell	57.32
Boone	95.08
Bourbon	93.17
Boyd	87.67
Boyle	82.41
Bracken	63.80
Breathitt	53.04
Breckinridge	62.46
Bullitt	73.56
Butler	59.24
Caldwell	71.73
Calloway	82.18
Campbell	86.09
Carlisle	77.86
Carroll	75.47
Carter	57.03
Casey	56.23
Christian	65.94
Clark	83.78
Clay	52.30
Clinton	54.47
Crittenden	60.93

Cumberland	52.07
Daviess	82.38
Edmonson	54.09
Elliott	43.53
Estill	56.39
Fayette	109.77
Fleming	59.59
Floyd	59.75
Franklin	97.26
Fulton	77.88
Gallatin	63.99
Garrard	64.16
Grant	68.62
Graves	75.12
Grayson	60.65
Green	58.67
Greenup	70.98
Hancock	81.26
Hardin	76.56
Harlan	53.19
Harrison	71.72
Hart	58.61
Henderson	86.25
Henry	72.52
Hickman	75.33
Hopkins	74.43
Jackson	51.09
Jefferson	108.64
Jessamine	79.71
Johnson	59.81
Kenton	98.49
Knott	54.12
Knox	51.38
Larue	75.99
Laurel	66.32
Lawrence	52.45
Lee	50.89
Leslie	57.31
Letcher	54.47
Lewis	49.98
Lincoln	61.06
Livingston	80.67
Logan	71.35
Lyon	58.99
Madison	74.10
Magoffin	47.48
Marion	68.37
Marshall	79.04
Martin	58.02
Mason	73.71
McCracken	94.60

McCreary	47.13
McLean	69.69
Meade	63.91
Menifee	52.76
Mercer	77.26
Metcalfe	60.38
Monroe	69.35
Montgomery	72.08
Morgan	45.98
Muhlenberg	64.30
Nelson	78.43
Nicholas	60.35
Ohio	62.35
Oldham	108.35
Owen	64.50
Owsley	47.01
Pendleton	65.18
Perry	62.80
Pike	66.21
Powell	54.00
Pulaski	66.93
Robertson	57.53
Rockcastle	55.53
Rowan	56.01
Russell	60.06
Scott	94.15
Shelby	94.30
Simpson	71.29
Spencer	64.15
Taylor	66.32
Todd	72.17
Trigg	64.94
Trimble	60.27
Union	70.36
Warren	86.23
Washington	72.97
Wayne	54.39
Webster	70.40
Whitley	57.70
Wolfe	49.30
Woodford	109.96
Louisiana	
Acadia	63.87
Allen	58.37
Ascension	85.07
Assumption	68.73
Avoyelles	60.30
Beauregard	67.37
Bienville	64.16
Bossier	81.89
Caddo	88.42

Calcasieu	82.40
Caldwell	61.99
Cameron	74.53
Catahoula	60.25
Claiborne	62.32
Concordia	62.95
De Soto	73.27
East Baton Rouge	94.52
East Carroll	58.44
East Feliciana	68.51
Evangeline	60.73
Franklin	59.24
Grant	60.13
Iberia	74.89
Iberville	74.42
Jackson	69.57
Jefferson	96.35
Jefferson Davis	59.38
La Salle	62.94
Lafayette	94.14
Lafourche	75.96
Lincoln	71.85
Livingston	73.57
Madison	57.06
Morehouse	64.13
Natchitoches	66.18
Orleans	94.60
Ouachita	79.54
Plaquemines	82.77
Pointe Coupee	68.78
Rapides	81.44
Red River	65.98
Richland	61.82
Sabine	63.39
St. Bernard	76.42
St. Charles	88.55
St. Helena	65.90
St. James	73.01
St. John the Baptist	74.60
St. Landry	64.59
St. Martin	60.15
St. Mary	71.33
St. Tammany	94.51
Tangipahoa	65.76
Tensas	67.16
Terrebonne	73.91

Union	71.34
Vermilion	68.06
Vernon	69.92
Washington	66.83
Webster	69.16
West Baton Rouge	86.19
West Carroll	57.44
West Feliciana	54.38
Winn	57.36
Maine	
Androscoggin	84.21
Aroostook	68.02
Cumberland	109.45
Franklin	73.65
Hancock	90.53
Kennebec	87.15
Knox	90.67
Lincoln	93.73
Oxford	71.09
Penobscot	79.42
Piscataquis	65.30
Sagadahoc	86.40
Somerset	64.61
Waldo	70.13
Washington	66.60
York	87.32
Maryland	
Allegany	75.64
Anne Arundel	113.56
Baltimore	119.13
Baltimore (Independent City)	91.22
Calvert	100.27
Caroline	67.58
Carroll	100.19
Cecil	89.05
Charles	98.90
Dorchester	76.65
Frederick	105.80
Garrett	68.08
Harford	97.44
Howard	133.82
Kent	96.93
Montgomery	157.97
Prince George's	103.34
Queen Anne's	101.33

Somerset	58.77
St. Mary's	95.89
Talbot	121.28
Washington	84.84
Wicomico	84.90
Worcester	94.13
Massachusetts	
Barnstable	119.26
Berkshire	101.37
Bristol	94.97
Dukes	123.10
Essex	118.93
Franklin	93.60
Hampden	97.07
Hampshire	92.51
Middlesex	144.33
Nantucket	162.21
Norfolk	143.15
Plymouth	106.77
Suffolk	137.25
Worcester	103.80
Michigan	
Alcona	69.47
Alger	63.21
Allegan	90.32
Alpena	81.30
Antrim	82.21
Arenac	68.50
Baraga	66.00
Barry	90.38
Bay	90.76
Benzie	78.31
Berrien	89.52
Branch	72.49
Calhoun	87.60
Cass	77.77
Charlevoix	89.35
Cheboygan	77.70
Chippewa	63.21
Clare	62.21
Clinton	90.94
Crawford	62.87
Delta	80.10
Dickinson	86.14
Eaton	90.27
Emmet	97.55
Genesee	90.94
Gladwin	65.46
Gogebic	72.09

Grand Traverse	97.45
Gratiot	74.68
Hillsdale	75.75
Houghton	70.05
Huron	88.67
Ingham	91.10
Ionia	62.96
Iosco	71.42
Iron	71.04
Isabella	73.01
Jackson	84.18
Kalamazoo	102.24
Kalkaska	65.02
Kent	105.19
Keweenaw	68.17
Lake	58.41
Lapeer	84.48
Leelanau	97.58
Lenawee	85.30
Livingston	112.63
Luce	71.85
Mackinac	88.02
Macomb	104.80
Manistee	70.14
Marquette	78.08
Mason	75.77
Mecosta	64.68
Menominee	77.72
Midland	111.50
Missaukee	62.80
Monroe	93.80
Montcalm	62.54
Montmorency	62.20
Muskegon	77.61
Newaygo	66.58
Oakland	152.40
Oceana	70.15
Ogemaw	59.11
Ontonagon	69.91
Osceola	66.73
Oscoda	55.15
Otsego	81.73
Ottawa	100.47
Presque Isle	63.89
Roscommon	69.98
Saginaw	87.07
Sanilac	77.98
Schoolcraft	74.12
Shiawassee	75.97
St. Clair	89.02

St. Joseph	81.35
Tuscola	73.78
Van Buren	71.79
Washtenaw	127.57
Wayne	92.73
Wexford	74.65
Minnesota	
Aitkin	71.11
Anoka	95.67
Becker	73.62
Beltrami	71.83
Benton	79.01
Big Stone	77.20
Blue Earth	93.10
Brown	88.63
Carlton	77.77
Carver	114.78
Cass	70.37
Chippewa	88.72
Chisago	89.45
Clay	75.77
Clearwater	63.66
Cook	93.02
Cottonwood	84.87
Crow Wing	82.56
Dakota	115.48
Dodge	85.39
Douglas	83.94
Faribault	82.60
Fillmore	77.39
Freeborn	81.27
Goodhue	98.02
Grant	82.83
Hennepin	145.28
Houston	87.33
Hubbard	72.83
Isanti	81.91
Itasca	74.45
Jackson	82.27
Kanabec	68.38
Kandiyohi	90.91
Kittson	81.08
Koochiching	80.54
Lac qui Parle	82.63
Lake	79.18
Lake of the Woods	73.63
Le Sueur	86.46
Lincoln	69.85
Lyon	94.10
Mahnomen	63.15

Marshall	75.49
Martin	89.10
McLeod	96.93
Meeker	78.27
Mille Lacs	72.07
Morrison	69.29
Mower	90.16
Murray	77.38
Nicollet	87.23
Nobles	86.40
Norman	78.69
Olmsted	112.10
Otter Tail	78.57
Pennington	83.52
Pine	68.55
Pipestone	80.83
Polk	80.12
Pope	75.81
Ramsey	120.84
Red Lake	66.06
Redwood	88.28
Renville	83.12
Rice	83.10
Rock	84.84
Roseau	81.02
Scott	105.50
Sherburne	81.13
Sibley	72.75
St. Louis	93.40
Stearns	81.91
Steele	99.64
Stevens	86.00
Swift	78.80
Todd	61.82
Traverse	86.31
Wabasha	87.28
Wadena	69.31
Waseca	83.88
Washington	109.78
Watsonwan	83.59
Wilkin	81.09
Winona	85.13
Wright	88.84
Yellow Medicine	75.93
Mississippi	
Adams	72.21
Alcorn	71.48
Amite	53.91
Attala	63.80
Benton	55.07

Bolivar	62.03
Calhoun	67.83
Carroll	63.22
Chickasaw	66.13
Choctaw	52.24
Claiborne	53.77
Clarke	59.98
Clay	65.44
Coahoma	64.58
Copiah	57.41
Covington	62.53
DeSoto	88.61
Forrest	72.13
Franklin	52.93
George	59.11
Greene	48.57
Grenada	70.23
Hancock	71.35
Harrison	83.23
Hinds	90.70
Holmes	51.23
Humphreys	64.05
Issaquena	53.82
Itawamba	70.41
Jackson	75.71
Jasper	58.83
Jefferson	42.74
Jefferson Davis	54.29
Jones	75.44
Kemper	61.45
Lafayette	69.94
Lamar	69.62
Lauderdale	80.46
Lawrence	64.27
Leake	69.38
Lee	87.33
Leflore	67.93
Lincoln	67.25
Lowndes	75.35
Madison	91.09
Marion	59.69
Marshall	64.61
Monroe	62.41
Montgomery	61.35
Neshoba	74.08
Newton	69.00
Noxubee	58.60
Oktibbeha	65.17
Panola	58.09
Pearl River	60.57

Perry	51.09
Pike	65.31
Pontotoc	63.98
Prentiss	58.19
Quitman	54.77
Rankin	89.23
Scott	70.84
Sharkey	50.10
Simpson	69.26
Smith	71.45
Stone	58.89
Sunflower	51.48
Tallahatchie	52.48
Tate	74.72
Tippah	63.47
Tishomingo	60.38
Tunica	74.31
Union	70.92
Walthall	57.03
Warren	88.80
Washington	66.88
Wayne	62.70
Webster	62.01
Wilkinson	53.75
Winston	65.43
Yalobusha	63.98
Yazoo	65.54
Missouri	
Adair	70.90
Andrew	79.14
Atchison	78.89
Audrain	83.67
Barry	66.87
Barton	73.50
Bates	68.81
Benton	59.38
Bollinger	54.78
Boone	94.24
Buchanan	83.59
Butler	75.05
Caldwell	65.23
Callaway	75.11
Camden	79.92
Cape Girardeau	86.67
Carroll	76.02
Carter	57.11
Cass	83.81
Cedar	62.21
Chariton	72.09
Christian	73.08

Clark	63.29
Clay	100.30
Clinton	81.16
Cole	97.08
Cooper	72.29
Crawford	66.20
Dade	66.93
Dallas	59.63
Daviess	72.32
DeKalb	54.62
Dent	68.11
Douglas	54.44
Dunklin	69.72
Franklin	84.03
Gasconade	76.66
Gentry	76.98
Greene	93.06
Grundy	76.23
Harrison	72.21
Henry	71.50
Hickory	53.84
Holt	79.35
Howard	72.61
Howell	64.58
Iron	60.71
Jackson	98.48
Jasper	82.06
Jefferson	76.52
Johnson	67.79
Knox	69.23
Laclede	69.17
Lafayette	81.35
Lawrence	65.11
Lewis	65.46
Lincoln	75.97
Linn	74.00
Livingston	86.24
Macon	70.34
Madison	63.05
Maries	64.42
Marion	79.64
McDonald	60.98
Mercer	50.62
Miller	63.58
Mississippi	66.47
Moniteau	72.62
Monroe	73.64
Montgomery	74.53
Morgan	67.22
New Madrid	63.81
Newton	76.79

Nodaway	72.01
Oregon	51.34
Osage	80.59
Ozark	52.13
Pemiscot	64.06
Perry	75.57
Pettis	80.04
Phelps	73.68
Pike	69.31
Platte	113.15
Polk	62.88
Pulaski	79.95
Putnam	61.67
Ralls	80.99
Randolph	67.87
Ray	72.13
Reynolds	57.08
Ripley	50.46
Saline	83.96
Schuyler	54.38
Scotland	69.98
Scott	74.69
Shannon	51.54
Shelby	77.92
St. Charles	97.26
St. Clair	60.61
St. Francois	62.94
St. Louis (Independent City)	61.30
St. Louis	135.79
Ste. Genevieve	75.20
Stoddard	70.28
Stone	78.46
Sullivan	73.77
Taney	78.14
Texas	52.94
Vernon	72.10
Warren	77.50
Washington	58.31
Wayne	52.07
Webster	60.45
Worth	62.85
Wright	51.47
Montana	
Beaverhead	73.06
Big Horn	48.40
Blaine	54.58
Broadwater	69.00
Carbon	72.56

Carter	48.09
Cascade	87.13
Chouteau	81.73
Custer	76.08
Daniels	95.72
Dawson	74.93
Deer Lodge	64.70
Fallon	74.51
Fergus	71.39
Flathead	80.36
Gallatin	84.53
Garfield	55.61
Glacier	56.56
Golden Valley	58.72
Granite	67.66
Hill	77.51
Jefferson	82.24
Judith Basin	64.37
Lake	62.38
Lewis and Clark	87.91
Liberty	75.09
Lincoln	60.00
Madison	64.13
McCone	65.13
Meagher	72.02
Mineral	54.81
Missoula	85.08
Musselshell	53.34
Park	69.52
Petroleum	48.83
Phillips	59.98
Pondera	75.30
Powder River	57.74
Powell	63.51
Prairie	68.01
Ravalli	65.48
Richland	71.03
Roosevelt	57.59
Rosebud	66.71
Sanders	56.22
Sheridan	78.90
Silver Bow	81.59
Stillwater	72.76
Sweet Grass	70.04
Teton	73.37
Toole	86.58
Treasure	58.77
Valley	78.77
Wheatland	61.33

Wibaux	56.13
Yellowstone	89.70
Nebraska	
Adams	90.52
Antelope	86.96
Arthur	19.12
Banner	59.23
Blaine	32.99
Boone	81.82
Box Butte	84.66
Boyd	65.46
Brown	72.29
Buffalo	82.73
Burt	81.06
Butler	81.34
Cass	90.68
Cedar	83.52
Chase	95.20
Cherry	65.31
Cheyenne	87.92
Clay	88.36
Colfax	75.18
Cuming	109.41
Custer	83.64
Dakota	76.98
Dawes	62.64
Dawson	81.72
Deuel	88.58
Dixon	85.21
Dodge	87.90
Douglas	120.07
Dundy	106.78
Fillmore	104.55
Franklin	75.56
Frontier	74.53
Furnas	80.55
Gage	89.71
Garden	79.39
Garfield	77.44
Gosper	77.78
Grant	38.21
Greeley	71.68
Hall	88.06
Hamilton	87.42
Harlan	76.45
Hayes	80.77
Hitchcock	65.70
Holt	81.70
Hooker	52.06
Howard	71.26
Jefferson	82.36

Johnson	74.13
Kearney	100.28
Keith	75.87
Keya Paha	41.45
Kimball	77.43
Knox	76.22
Lancaster	100.70
Lincoln	83.99
Logan	62.31
Loup	16.32
Madison	88.94
McPherson	22.68
Merrick	79.12
Morrill	66.86
Nance	75.66
Nemaha	92.51
Nuckolls	78.32
Otoe	81.74
Pawnee	83.27
Perkins	90.36
Phelps	101.76
Pierce	79.84
Platte	91.73
Polk	92.51
Red Willow	82.67
Richardson	83.61
Rock	78.62
Saline	82.71
Sarpy	84.96
Saunders	80.39
Scotts Bluff	80.66
Seward	86.66
Sheridan	64.18
Sherman	63.85
Sioux	41.70
Stanton	79.06
Thayer	92.88
Thomas	53.17
Thurston	64.86
Valley	79.35
Washington	99.69
Wayne	78.84
Webster	79.38
Wheeler	97.00
York	95.31
Nevada	
Churchill	82.27
Clark	107.60
Douglas	138.36
Elko	90.42
Esmeralda	63.38

Eureka	87.74
Humboldt	88.06
Lander	84.74
Lincoln	75.19
Lyon	80.33
Mineral	88.98
Nye	83.16
Pershing	88.20
Storey	98.27
Washoe	122.62
White Pine	77.11
New Hampshire	
Belknap	101.35
Carroll	101.71
Cheshire	93.28
Coos	84.04
Grafton	104.81
Hillsborough	113.31
Merrimack	107.97
Rockingham	116.83
Strafford	89.48
Sullivan	90.20
New Jersey	
Atlantic	117.48
Bergen	169.38
Burlington	108.39
Camden	100.96
Cape May	104.81
Cumberland	83.57
Essex	122.96
Gloucester	94.90
Hudson	99.72
Hunterdon	153.63
Mercer	136.97
Middlesex	122.02
Monmouth	130.03
Morris	173.86
Ocean	99.91
Passaic	97.74
Salem	97.33
Somerset	181.44
Sussex	107.74
Union	134.62
Warren	102.95
New Mexico	
Bernalillo	97.81
Catron	57.52
Chaves	68.28
Cibola	50.16
Colfax	68.48
Curry	74.23

De Baca	60.60
Dona Ana	61.50
Eddy	72.67
Grant	66.88
Guadalupe	53.72
Harding	62.96
Hidalgo	66.05
Lea	69.62
Lincoln	72.33
Los Alamos	140.81
Luna	52.97
McKinley	49.83
Mora	46.66
Otero	68.10
Quay	64.73
Rio Arriba	52.81
Roosevelt	63.18
San Juan	67.74
San Miguel	56.15
Sandoval	76.27
Santa Fe	102.88
Sierra	71.06
Socorro	56.77
Taos	66.41
Torrance	59.94
Union	80.50
Valencia	66.27
New York	
Albany	112.28
Allegany	64.82
Bronx	74.22
Broome	89.82
Cattaraugus	70.12
Cayuga	76.98
Chautauqua	75.06
Chemung	83.25
Chenango	72.56
Clinton	75.55
Columbia	93.08
Cortland	72.85
Delaware	71.27
Dutchess	107.01
Erie	96.20
Essex	76.28
Franklin	66.40
Fulton	80.66
Genesee	82.02
Greene	78.40
Hamilton	81.27
Herkimer	73.28
Jefferson	76.55

Kings	89.91
Lewis	62.41
Livingston	78.01
Madison	81.12
Monroe	110.55
Montgomery	80.82
Nassau	156.44
New York	263.56
Niagara	86.72
Oneida	84.10
Onondaga	96.69
Ontario	93.74
Orange	92.47
Orleans	69.16
Oswego	74.70
Otsego	76.98
Putnam	122.99
Queens	104.87
Rensselaer	90.46
Richmond	115.96
Rockland	133.04
Saratoga	96.98
Schenectady	105.72
Schoharie	71.86
Schuyler	66.02
Seneca	81.33
St. Lawrence	66.17
Steuben	83.85
Suffolk	119.88
Sullivan	89.66
Tioga	77.88
Tompkins	81.92
Ulster	87.09
Warren	94.08
Washington	69.05
Wayne	85.44
Westchester	174.33
Wyoming	66.69
Yates	70.37
North Carolina	
Alamance	92.01
Alexander	78.20
Alleghany	85.85
Anson	76.74
Ashe	74.34
Avery	81.95
Beaufort	76.03
Bertie	68.34
Bladen	77.82
Brunswick	74.10
Buncombe	95.77

Burke	77.19
Cabarrus	97.71
Caldwell	80.73
Camden	73.64
Carteret	85.85
Caswell	68.95
Catawba	100.07
Chatham	102.50
Cherokee	64.41
Chowan	79.09
Clay	69.64
Cleveland	78.36
Columbus	76.20
Craven	87.20
Cumberland	89.37
Currituck	81.61
Dare	85.21
Davidson	85.30
Davie	103.31
Duplin	86.26
Durham	105.99
Edgecombe	73.36
Forsyth	114.44
Franklin	77.61
Gaston	86.27
Gates	67.89
Graham	62.47
Granville	78.37
Greene	73.13
Guilford	108.82
Halifax	68.21
Harnett	71.21
Haywood	80.18
Henderson	96.72
Hertford	65.58
Hoke	51.94
Hyde	72.77
Iredell	90.64
Jackson	74.45
Johnston	85.97
Jones	75.25
Lee	91.11
Lenoir	81.08
Lincoln	79.88
Macon	77.70
Madison	68.51
Martin	69.93
McDowell	72.15
Mecklenburg	128.01
Mitchell	71.38
Montgomery	72.94

Moore	106.22
Nash	87.52
New Hanover	97.02
Northampton	68.76
Onslow	82.01
Orange	106.34
Pamlico	77.96
Pasquotank	73.98
Pender	70.87
Perquimans	66.36
Person	79.20
Pitt	85.45
Polk	105.68
Randolph	83.91
Richmond	70.18
Robeson	64.78
Rockingham	78.13
Rowan	80.25
Rutherford	75.03
Sampson	80.66
Scotland	71.29
Stanly	79.53
Stokes	76.66
Surry	81.67
Swain	59.96
Transylvania	86.51
Tyrrell	63.82
Union	82.60
Vance	71.11
Wake	121.93
Warren	60.22
Washington	69.99
Watauga	76.28
Wayne	73.38
Wilkes	80.38
Wilson	87.44
Yadkin	80.60
Yancey	66.76
North Dakota	
Adams	69.47
Barnes	74.08
Benson	54.65
Billings	43.29
Bottineau	78.94
Bowman	80.37
Burke	81.28
Burleigh	92.76
Cass	99.06
Cavalier	86.57
Dickey	74.84
Divide	83.13

Dunn	47.81
Eddy	66.91
Emmons	63.08
Foster	82.80
Golden Valley	58.34
Grand Forks	84.77
Grant	45.64
Griggs	78.88
Hettinger	78.83
Kidder	62.20
LaMoure	75.64
Logan	69.08
McHenry	61.62
McIntosh	72.78
McKenzie	66.72
McLean	78.62
Mercer	85.58
Morton	73.32
Mountrail	75.57
Nelson	76.69
Oliver	63.53
Pembina	102.12
Pierce	73.59
Ramsey	82.51
Ransom	81.24
Renville	81.58
Richland	81.07
Rolette	55.04
Sargent	93.01
Sheridan	67.45
Sioux	38.75
Slope	44.68
Stark	76.26
Steele	82.32
Stutsman	84.65
Towner	75.97
Traill	81.55
Walsh	76.23
Ward	86.60
Wells	82.80
Williams	79.60
Ohio	
Adams	57.48
Allen	82.41
Ashland	75.77
Ashtabula	77.24
Athens	64.46
Auglaize	88.40
Belmont	71.19
Brown	73.40

Butler	92.64
Carroll	74.21
Champaign	86.24
Clark	88.04
Clermont	89.19
Clinton	92.06
Columbiana	74.96
Coshocton	75.37
Crawford	79.81
Cuyahoga	113.65
Darke	85.59
Defiance	89.47
Delaware	124.49
Erie	99.82
Fairfield	92.68
Fayette	73.03
Franklin	107.35
Fulton	91.88
Gallia	68.10
Geauga	120.07
Greene	96.16
Guernsey	65.94
Hamilton	116.87
Hancock	99.48
Hardin	71.64
Harrison	64.94
Henry	87.62
Highland	68.23
Hocking	69.07
Holmes	63.61
Huron	82.87
Jackson	65.08
Jefferson	72.11
Knox	77.69
Lake	103.88
Lawrence	63.26
Licking	94.36
Logan	88.97
Lorain	90.80
Lucas	97.83
Madison	78.05
Mahoning	86.07
Marion	79.12
Medina	100.98
Meigs	58.25
Mercer	86.91
Miami	99.29
Monroe	63.73
Montgomery	100.90
Morgan	66.45
Morrow	64.61

Muskingum	77.71
Noble	52.99
Ottawa	97.21
Paulding	74.54
Perry	58.46
Pickaway	72.96
Pike	66.24
Portage	85.43
Preble	79.75
Putnam	88.18
Richland	81.11
Ross	72.36
Sandusky	83.43
Scioto	67.25
Seneca	78.15
Shelby	92.30
Stark	91.19
Summit	102.82
Trumbull	90.77
Tuscarawas	77.12
Union	86.21
Van Wert	80.86
Vinton	58.88
Warren	98.32
Washington	79.47
Wayne	84.98
Williams	90.04
Wood	95.24
Wyandot	80.78
Oklahoma	
Adair	57.93
Alfalfa	64.62
Atoka	52.36
Beaver	70.16
Beckham	61.40
Blaine	70.44
Bryan	66.00
Caddo	59.63
Canadian	80.89
Carter	79.29
Cherokee	61.09
Choctaw	56.54
Cimarron	73.15
Cleveland	78.56
Coal	49.64
Comanche	78.72
Cotton	66.23
Craig	65.27
Creek	64.68
Custer	71.44
Delaware	65.38

Dewey	69.50
Ellis	70.81
Garfield	84.01
Garvin	72.69
Grady	64.03
Grant	78.94
Greer	71.20
Harmon	64.42
Harper	85.72
Haskell	59.14
Hughes	56.22
Jackson	71.59
Jefferson	65.86
Johnston	52.35
Kay	83.55
Kingfisher	79.67
Kiowa	63.10
Latimer	66.23
Le Flore	62.97
Lincoln	66.43
Logan	74.51
Love	59.01
Major	70.87
Marshall	62.88
Mayes	67.54
McClain	70.28
McCurtain	63.21
McIntosh	58.18
Murray	61.61
Muskogee	68.31
Noble	71.78
Nowata	59.62
Okfuskee	54.91
Oklahoma	93.13
Okmulgee	58.03
Osage	65.01
Ottawa	69.76
Pawnee	67.55
Payne	72.39
Pittsburg	63.75
Pontotoc	69.47
Pottawatomie	67.75
Pushmataha	50.86
Roger Mills	66.74
Rogers	77.23
Seminole	58.23
Sequoyah	63.53
Stephens	71.97
Texas	98.82
Tillman	59.94
Tulsa	110.03

Wagoner	66.56
Washington	97.43
Washita	57.64
Woods	80.42
Woodward	71.35
Oregon	
Baker	71.01
Benton	100.78
Clackamas	113.33
Clatsop	84.30
Columbia	84.99
Coos	78.99
Crook	74.59
Curry	80.91
Deschutes	92.14
Douglas	75.73
Gilliam	64.11
Grant	75.58
Harney	74.76
Hood River	80.07
Jackson	86.01
Jefferson	67.74
Josephine	73.66
Klamath	74.79
Lake	74.80
Lane	88.95
Lincoln	80.68
Linn	79.34
Malheur	73.21
Marion	86.57
Morrow	67.03
Multnomah	113.33
Polk	82.49
Sherman	68.06
Tillamook	76.02
Umatilla	76.93
Union	75.01
Wallowa	73.52
Wasco	83.62
Washington	113.01
Wheeler	57.82
Yamhill	83.89
Pennsylvania	
Adams	85.55
Allegheny	116.62
Armstrong	78.53
Beaver	84.47
Bedford	68.48
Berks	101.57
Blair	81.60
Bradford	73.45

Bucks	119.51
Butler	88.40
Cambria	77.71
Cameron	86.94
Carbon	80.86
Centre	85.55
Chester	152.22
Clarion	74.62
Clearfield	75.09
Clinton	73.23
Columbia	77.14
Crawford	75.65
Cumberland	108.23
Dauphin	107.27
Delaware	119.28
Elk	90.16
Erie	87.34
Fayette	73.48
Forest	66.50
Franklin	86.34
Fulton	73.18
Greene	64.35
Huntingdon	64.66
Indiana	76.14
Jefferson	77.40
Juniata	70.96
Lackawanna	90.99
Lancaster	96.81
Lawrence	78.14
Lebanon	89.55
Lehigh	108.80
Luzerne	88.70
Lycoming	80.10
McKean	81.75
Mercer	78.20
Mifflin	69.82
Monroe	82.09
Montgomery	156.46
Montour	112.56
Northampton	97.07
Northumberland	77.44
Perry	78.77
Philadelphia	90.60
Pike	78.47
Potter	78.99
Schuylkill	80.43
Snyder	93.55
Somerset	74.67
Sullivan	74.46
Susquehanna	75.65

Tioga	69.51
Union	78.96
Venango	90.78
Warren	84.75
Washington	94.99
Wayne	75.93
Westmoreland	90.97
Wyoming	76.76
York	94.92
Rhode Island	
Bristol	119.78
Kent	105.50
Newport	113.43
Providence	98.52
Washington	108.15
South Carolina	
Abbeville	69.81
Aiken	87.05
Allendale	58.27
Anderson	81.63
Bamberg	62.62
Barnwell	77.90
Beaufort	112.79
Berkeley	60.36
Calhoun	72.94
Charleston	88.39
Cherokee	68.86
Chester	65.05
Chesterfield	67.49
Clarendon	59.47
Colleton	63.63
Darlington	73.50
Dillon	63.15
Dorchester	75.72
Edgefield	66.61
Fairfield	71.78
Florence	81.65
Georgetown	79.17
Greenville	100.14
Greenwood	83.43
Hampton	68.91
Horry	85.21
Jasper	66.97
Kershaw	76.40
Lancaster	73.15
Laurens	78.22
Lee	50.70
Lexington	92.67
Marion	62.19
Marlboro	56.25

McCormick	57.22
Newberry	72.97
Oconee	83.74
Orangeburg	69.15
Pickens	75.43
Richland	97.45
Saluda	72.04
Spartanburg	82.84
Sumter	64.49
Union	66.71
Williamsburg	56.04
York	89.50
South Dakota	
Aurora	74.63
Beadle	89.49
Bennett	55.04
Bon Homme	74.52
Brookings	82.26
Brown	95.86
Brule	76.95
Buffalo	45.84
Butte	62.16
Campbell	72.92
Charles Mix	78.82
Clark	79.88
Clay	76.62
Codington	89.65
Corson	45.51
Custer	66.99
Davison	93.19
Day	71.46
Deuel	78.98
Dewey	49.88
Douglas	81.66
Edmunds	87.79
Fall River	75.82
Faulk	86.81
Grant	87.43
Gregory	77.93
Haakon	78.42
Hamlin	70.71
Hand	78.14
Hanson	69.78
Harding	41.63
Hughes	97.83
Hutchinson	85.94
Hyde	76.37
Jackson	50.59
Jerauld	87.25
Jones	83.26
Kingsbury	85.11

Lake	86.82
Lawrence	76.73
Lincoln	93.61
Lyman	73.04
Marshall	85.67
McCook	83.26
McPherson	71.11
Meade	81.38
Mellette	49.09
Miner	82.02
Minnehaha	108.72
Moody	88.90
Pennington	88.46
Perkins	75.13
Potter	99.52
Roberts	67.23
Sanborn	90.20
Shannon	38.94
Spink	92.70
Stanley	71.46
Sully	114.50
Todd	37.84
Tripp	71.91
Turner	87.20
Union	119.88
Walworth	79.93
Yankton	87.51
Ziebach	36.93
Tennessee	
Anderson	90.72
Bedford	77.46
Benton	70.33
Bledsoe	63.11
Blount	82.71
Bradley	86.70
Campbell	60.87
Cannon	71.30
Carroll	74.01
Carter	64.26
Cheatham	77.97
Chester	63.66
Claiborne	63.41
Clay	61.85
Cocke	62.42
Coffee	81.60
Crockett	77.79
Cumberland	71.43
Davidson	120.84
Decatur	72.92
DeKalb	75.17
Dickson	80.98

Dyer	80.45
Fayette	76.72
Fentress	64.04
Franklin	74.38
Gibson	78.95
Giles	78.41
Grainger	60.43
Greene	76.09
Grundy	61.82
Hamblen	83.93
Hamilton	103.27
Hancock	47.45
Hardeman	62.56
Hardin	70.41
Hawkins	70.58
Haywood	69.26
Henderson	74.00
Henry	78.15
Hickman	65.82
Houston	59.91
Humphreys	70.94
Jackson	71.12
Jefferson	66.88
Johnson	50.50
Knox	96.86
Lake	45.31
Lauderdale	65.48
Lawrence	72.24
Lewis	61.27
Lincoln	73.34
Loudon	83.65
Macon	63.99
Madison	91.18
Marion	72.42
Marshall	81.60
Maury	79.92
McMinn	70.66
McNairy	69.44
Meigs	60.54
Monroe	66.15
Montgomery	83.23
Moore	71.45
Morgan	54.13
Obion	83.93
Overton	61.98
Perry	71.17
Pickett	64.71
Polk	67.32
Putnam	82.45
Rhea	62.44
Roane	77.57

Robertson	81.33
Rutherford	92.69
Scott	56.62
Sequatchie	64.59
Sevier	81.34
Shelby	106.12
Smith	74.86
Stewart	62.51
Sullivan	88.00
Sumner	88.79
Tipton	69.90
Trousdale	59.82
Unicoi	75.06
Union	55.13
Van Buren	56.54
Warren	78.51
Washington	85.44
Wayne	56.12
Weakley	73.70
White	65.38
Williamson	135.43
Wilson	91.67
Texas	
Anderson	62.87
Andrews	66.43
Angelina	77.49
Aransas	78.46
Archer	78.80
Armstrong	67.04
Atascosa	62.44
Austin	82.68
Bailey	79.57
Bandera	82.56
Bastrop	71.63
Baylor	68.77
Bee	57.33
Bell	85.48
Bexar	88.24
Blanco	76.47
Borden	47.98
Bosque	69.99
Bowie	81.42
Brazoria	84.29
Brazos	72.66
Brewster	66.30
Briscoe	71.21
Brooks	49.22
Brown	69.30
Burleson	65.18
Burnet	75.14
Caldwell	63.25

Calhoun	71.63
Callahan	68.45
Cameron	50.96
Camp	86.54
Carson	92.06
Cass	74.04
Castro	109.08
Chambers	86.68
Cherokee	79.41
Childress	57.29
Clay	72.29
Cochran	74.89
Coke	68.64
Coleman	69.12
Collin	135.78
Collingsworth	68.39
Colorado	82.52
Comal	99.08
Comanche	71.78
Concho	55.19
Cooke	80.03
Coryell	59.52
Cottle	69.32
Crane	65.03
Crockett	54.18
Crosby	71.15
Culberson	48.44
Dallam	112.23
Dallas	123.10
Dawson	68.31
Deaf Smith	84.67
Delta	74.82
Denton	100.46
DeWitt	68.74
Dickens	72.54
Dimmit	44.05
Donley	65.70
Duval	47.92
Eastland	68.15
Ector	72.07
Edwards	31.46
El Paso	60.69
Ellis	84.50
Erath	76.33
Falls	60.97
Fannin	71.49
Fayette	82.17
Fisher	68.50
Floyd	84.27
Foard	75.14
Fort Bend	97.49

Franklin	70.67
Freestone	60.69
Frio	48.10
Gaines	67.82
Galveston	90.35
Garza	68.96
Gillespie	83.94
Glasscock	53.28
Goliad	57.78
Gonzales	75.24
Gray	88.63
Grayson	82.23
Gregg	91.98
Grimes	58.18
Guadalupe	78.12
Hale	76.08
Hall	61.98
Hamilton	82.26
Hansford	114.31
Hardeman	74.53
Hardin	73.47
Harris	115.92
Harrison	71.17
Hartley	95.08
Haskell	70.12
Hays	75.93
Hemphill	101.14
Henderson	73.63
Hidalgo	47.46
Hill	69.09
Hockley	69.92
Hood	94.33
Hopkins	77.14
Houston	72.73
Howard	75.61
Hudspeth	41.35
Hunt	74.92
Hutchinson	80.35
Irion	65.67
Jack	68.96
Jackson	80.17
Jasper	76.28
Jeff Davis	50.44
Jefferson	86.81
Jim Hogg	60.69
Jim Wells	61.68
Johnson	74.99
Jones	58.74
Karnes	53.24
Kaufman	79.02
Kendall	101.33

Kenedy	71.61
Kent	69.85
Kerr	93.75
Kimble	63.64
King	50.33
Kinney	46.89
Kleberg	65.62
Knox	71.52
La Salle	45.08
Lamar	80.13
Lamb	78.67
Lampasas	58.83
Lavaca	77.03
Lee	66.57
Leon	67.97
Liberty	68.52
Limestone	70.84
Lipscomb	94.13
Live Oak	68.01
Llano	85.22
Loving	113.33
Lubbock	86.01
Lynn	74.61
Madison	67.73
Marion	58.52
Martin	56.28
Mason	60.19
Matagorda	71.06
Maverick	37.63
McCulloch	67.69
McLennan	80.17
McMullen	89.24
Medina	66.08
Menard	56.29
Midland	110.18
Milam	66.82
Mills	72.14
Mitchell	57.79
Montague	69.29
Montgomery	95.97
Moore	78.82
Morris	71.92
Motley	63.22
Nacogdoches	70.97
Navarro	74.27
Newton	55.74
Nolan	68.23
Nueces	82.25
Ochiltree	90.83
Oldham	79.98
Orange	78.13

Palo Pinto	71.98
Panola	66.63
Parker	85.75
Parmer	83.05
Pecos	49.14
Polk	64.88
Potter	82.89
Presidio	37.28
Rains	62.02
Randall	90.23
Reagan	48.78
Real	63.75
Red River	64.20
Reeves	49.87
Refugio	85.73
Roberts	59.09
Robertson	59.42
Rockwall	114.29
Runnels	67.14
Rusk	72.07
Sabine	72.62
San Augustine	68.19
San Jacinto	64.24
San Patricio	62.94
San Saba	65.43
Schleicher	59.21
Scurry	69.85
Shackelford	77.71
Shelby	76.84
Sherman	131.43
Smith	92.41
Somervell	95.26
Starr	30.66
Stephens	72.07
Sterling	49.81
Stonewall	72.00
Sutton	62.13
Swisher	90.09
Tarrant	100.47
Taylor	85.57
Terrell	66.86
Terry	80.74
Throckmorton	88.69
Titus	77.89
Tom Green	81.76
Travis	111.77
Trinity	66.27
Tyler	61.74
Upshur	66.67
Upton	65.26

Uvalde	62.01
Val Verde	55.49
Van Zandt	71.60
Victoria	88.99
Walker	60.85
Waller	74.13
Ward	64.39
Washington	94.55
Webb	51.43
Wharton	78.44
Wheeler	97.46
Wichita	85.27
Wilbarger	74.43
Willacy	44.88
Williamson	92.95
Wilson	69.48
Winkler	63.11
Wise	77.53
Wood	69.81
Yoakum	72.43
Young	84.75
Zapata	45.27
Zavala	37.17
Utah	
Beaver	60.72
Box Elder	78.67
Cache	65.71
Carbon	73.78
Daggett	64.77
Davis	79.17
Duchesne	59.56
Emery	60.50
Garfield	65.39
Grand	69.67
Iron	62.37
Juab	56.68
Kane	74.49
Millard	58.78
Morgan	70.07
Piute	52.75
Rich	57.87
Salt Lake	94.96
San Juan	46.15
Sanpete	52.23
Sevier	61.12
Summit	144.28
Tooele	67.60
Uintah	53.94
Utah	66.36
Wasatch	76.99
Washington	67.76

Wayne	60.56
Weber	81.85
Vermont	
Addison	80.75
Bennington	93.74
Caledonia	74.95
Chittenden	105.99
Essex	58.25
Franklin	74.16
Grand Isle	90.18
Lamoille	85.66
Orange	75.38
Orleans	70.42
Rutland	87.00
Washington	91.27
Windham	93.06
Windsor	98.00
Virginia	
Accomack	70.75
Albemarle + Charlottesville	113.77
Alexandria (Independent City)	169.98
Alleghany, Clifton Forge + Covington	81.24
Amelia	73.13
Amherst	66.65
Appomattox	71.09
Arlington	170.12
Augusta, Staunton + Waynesboro	83.35
Bath	82.95
Bedford + Bedford City	89.27
Bland	60.53
Botetourt	87.43
Brunswick	58.29
Buchanan	65.02
Buckingham	58.66
Campbell + Lynchburg	83.66
Caroline	74.09
Carroll + Galax	68.46
Charles City	70.83
Charlotte	62.98

Chesapeake (Independent City)	87.16
Chesterfield	109.82
Clarke	100.54
Craig	71.63
Culpeper	92.46
Cumberland	67.82
Dickenson	55.66
Dinwiddie, Colonial Heights + Petersburg	88.70
Essex	76.24
Fairfax, Fairfax City + Falls Church	161.63
Fauquier	128.59
Floyd	61.64
Fluvanna	76.68
Franklin	72.56
Frederick + Winchester	89.90
Giles	71.94
Gloucester	79.48
Goochland	120.27
Grayson	62.51
Greene	69.55
Greensville + Emporia	64.81
Halifax	66.60
Hampton (Independent City)	79.02
Hanover	100.23
Henrico	114.81
Henry + Martinsville	76.78
Highland	81.66
Isle of Wight	90.09
James City + Williamsburg	115.50
King and Queen	76.85
King George	93.69
King William	88.59
Lancaster	101.36
Lee	59.44
Loudoun	126.75
Louisa	79.84
Lunenburg	59.52

Madison	69.76
Mathews	95.16
Mecklenburg	72.14
Middlesex	86.97
Montgomery + Radford	68.48
Nelson	72.38
New Kent	87.99
Newport News (Independent City)	80.53
Norfolk (Independent City)	79.23
Northampton	70.17
Northumberland	82.75
Nottoway	68.87
Orange	77.65
Page	68.22
Patrick	67.37
Pittsylvania + Danville	73.17
Portsmouth (Independent City)	75.93
Powhatan	77.52
Prince Edward	57.33
Prince George + Hopewell	82.08
Prince William, Manassas + Manassas Park	101.93
Pulaski	70.60
Rappahan-nock	92.21
Richmond	62.51
Richmond (Independent City)	111.30
Roanoke (Independent City)	89.00
Roanoke + Salem	116.44

Rockbridge, Buena Vista + Lexington	73.56
Rockingham + Harrisonburg	80.74
Russell	63.20
Scott	60.90
Shenandoah	77.59
Smyth	67.55
Southampton + Franklin	80.55
Spotsylvania + Fredericks-burg	95.65
Stafford	85.72
Suffolk (Independent City)	81.72
Surry	69.80
Sussex	79.58
Tazewell	66.39
Virginia Beach (Independent City)	100.28
Warren	86.09
Washington + Bristol	77.00
Westmore-land	75.23
Wise + Norton	68.02
Wythe	72.22
York + Poquoson	91.95
Washington	
Adams	77.76
Asotin	77.36
Benton	90.73
Chelan	92.20
Clallam	84.41
Clark	97.89
Columbia	79.28
Cowlitz	81.35
Douglas	71.86
Ferry	59.73
Franklin	70.49
Garfield	78.23
Grant	75.62
Grays Harbor	74.85
Island	87.81

Jefferson	87.74
King	144.22
Kitsap	85.71
Kittitas	75.09
Klickitat	74.73
Lewis	75.25
Lincoln	83.61
Mason	71.48
Okanogan	73.97
Pacific	74.09
Pend Oreille	67.04
Pierce	89.85
San Juan	130.84
Skagit	89.56
Skamania	77.59
Snohomish	99.21
Spokane	86.75
Stevens	62.75
Thurston	91.69
Wahkiakum	73.99
Walla Walla	77.97
Whatcom	84.02
Whitman	70.96
Yakima	77.53
West Virginia	
Barbour	54.87
Berkeley	81.42
Boone	70.38
Braxton	59.52
Brooke	73.74
Cabell	85.64
Calhoun	49.70
Clay	50.13
Doddridge	58.98
Fayette	64.30
Gilmer	62.15
Grant	66.70
Greenbrier	69.84
Hampshire	58.17
Hancock	82.82
Hardy	69.01
Harrison	83.05
Jackson	67.43
Jefferson	91.08
Kanawha	97.75
Lewis	60.14
Lincoln	51.16
Logan	64.55
Marion	72.32
Marshall	69.39
Mason	62.92

McDowell	51.99
Mercer	75.97
Mineral	66.59
Mingo	62.88
Monongalia	84.12
Monroe	56.20
Morgan	70.93
Nicholas	58.76
Ohio	96.08
Pendleton	68.61
Pleasants	74.64
Pocahontas	69.27
Preston	56.64
Putnam	84.42
Raleigh	74.55
Randolph	66.91
Ritchie	58.46
Roane	57.73
Summers	53.09
Taylor	55.33
Tucker	62.04
Tyler	57.78
Upshur	57.24
Wayne	58.34
Webster	47.65
Wetzel	70.83
Wirt	54.71
Wood	84.81
Wyoming	54.89
Wisconsin	
Adams	65.52
Ashland	73.60
Barron	75.52
Bayfield	69.92
Brown	103.02
Buffalo	79.12
Burnett	66.46
Calumet	89.67
Chippewa	81.91
Clark	67.51
Columbia	85.95
Crawford	69.21
Dane	110.92
Dodge	79.03
Door	91.70
Douglas	75.30
Dunn	73.48
Eau Claire	86.76
Florence	70.78
Fond du Lac	97.50
Forest	66.03

Grant	72.86
Green	84.09
Green Lake	86.34
Iowa	75.38
Iron	74.45
Jackson	75.07
Jefferson	87.08
Juneau	71.30
Kenosha	92.27
Kewaunee	76.54
La Crosse	91.34
Lafayette	65.59
Langlade	72.46
Lincoln	76.16
Manitowoc	88.40
Marathon	91.09
Marinette	75.69
Marquette	65.84
Menominee	49.28

Milwaukee	101.38
Monroe	72.84
Oconto	68.01
Oneida	88.07
Outagamie	99.88
Ozaukee	144.90
Pepin	71.77
Pierce	86.73
Polk	77.70
Portage	82.36
Price	79.70
Racine	101.14
Richland	68.41
Rock	90.18
Rusk	63.81
Sauk	86.40
Sawyer	69.97
Shawano	72.66
Sheboygan	96.14

St. Croix	103.81
Taylor	70.27
Trempealeau	75.06
Vernon	63.31
Vilas	77.60
Walworth	88.89
Washburn	69.98
Washington	107.33
Waukesha	132.23
Waupaca	85.80
Waushara	69.09
Winnebago	97.90
Wood	98.12
Wyoming	
Albany	81.56
Big Horn	66.69
Campbell	91.37
Carbon	79.47
Converse	73.83

Crook	79.75
Fremont	71.05
Goshen	71.63
Hot Springs	82.85
Johnson	81.04
Laramie	94.29
Lincoln	70.67
Natrona	102.66
Niobrara	72.15
Park	87.82
Platte	75.11
Sheridan	97.02
Sublette	84.18
Sweetwater	93.43
Teton	194.86
Uinta	72.65
Washakie	80.80
Weston	84.54

ENCLOSURE D: ABILITY-TO-PAY PROCEDURES
(from Code of Federal Regulations (CFR))

**PART 241 -- FLOOD CONTROL COST-SHARING REQUIREMENTS UNDER THE
ABILITY TO PAY PROVISION**

Sec.

241.1 Purpose.

241.2 Applicability.

241.3 References.

241.4 General policy.

241.5 Procedures for estimating the alternative cost-share.

241.6 Deferred payments for certain qualifying projects.

241.7 Application of test.

Authority: Sec. 103(m), Pub. L. 99-662, 100 Stat. 4082 (33 U.S.C. 2201 et seq.), as amended by Sec. 201, Pub. L. 102-580, 106 Stat. 4797 (33 U.S.C. 2201 et seq.)

Source: 54 FR 40581, Oct. 2, 1989, unless otherwise noted.

§241.2 Applicability.

This rule applies to all U.S. Army Corps of Engineers Headquarters (HQUSACE), elements and Major Subordinate Commands and District Commands of the Corps of Engineers having Civil Works Responsibilities.

[60 FR 5133, Jan. 26, 1995]

241.3 References.

References cited in paragraphs (f) thru (i) may be obtained from USACE Pub. Depot, CEIM-SP-D, 2803, 52d Avenue, Hyattsville, MD 20781-1102. References cited in paragraphs (d) and (e) may be obtained from the National Information Services, 5285 Port Royal Road, Springfield, VA 22161. References (a), (b) and (c) may be reviewed in your local library or by writing your local Congressperson.

(a) Water Resources Development Act, 1986, Public Law 99-662, 100 Stat. 4082, 33 U.S.C. 2201 et seq.

(b) Water Resources Development Act 1992, Public Law 102-580, 106 Stat. 4797, 33 U.S.C. 2201 et seq.

(c) U.S. Water Resources Council, Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies, March 10, 1983.

(d) Office of Personnel Management, FPM Bulletin 591-30.

(e) Office of Personnel Management, FPM 591-32.

(f) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-29.

(g) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-121.

(h) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-131.

(i) U.S. Army Corps of Engineers, Engineer Regulation 405-1-12.

[60 FR 5133, Jan. 26, 1995]

§241.4 General policy.

(a) Procedures described herein establish an "ability to pay" test which will be applied to all flood control projects. As a result of the application of the test, some projects will be cost-shared by the non-Federal interest at a lower level than the standard non-Federal share that would be required under the provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213. The "standard share", as used herein, refers to the non-Federal share that would apply to the project before any ability to pay consideration.

(b) Section 103(m) requires that all cost-sharing agreements for flood control covered by the terms of section 103(a) or 103(b) be subject to the ability to pay test. The test must therefore be applied not only to projects specifically authorized by Congress, but to the continuing authority projects constructed under section 14 of the 1946 Flood Control Act (33 U.S.C. 701r), section 205 of the 1948 Flood Control Act (33 U.S.C. 701s), and section 208 of the 1954 Flood Control Act (33 U.S.C. 701g), all as amended.

(c) The ability to pay test shall be conducted independently of any analysis of a project sponsor's ability to finance its ultimate share of proposed project costs. The ability to finance is addressed in a statement of financial capability which considers current borrowing constraints, alternative sources of liquidity, etc. It is therefore much more narrowly defined than the ability to pay test, which considers the underlying resource base of the community as a whole. The ability to pay test shall not be used to affect project scope, or to change budgetary priorities among projects competing for scarce Federal funds.

(d) Any reductions in the level of non-Federal cost-sharing as a result of the application of this test will be applied to construction costs only. Operations, maintenance and rehabilitation responsibilities are unaffected by the ability to pay test.

(e) When projects are eligible for credits as outlined in ER 1165-2-29, reference §241.3(e), the ability to pay test will be applied before any adjustments are made for credits. If the ability to pay test results in a lower non-Federal share, the allowable amount of credits will be limited by the lower share.

(f) The test is based on the following principles:

(1) Since the standard non-Federal cost-share is substantially less than full costs in every case, the ability to pay test should be structured so that reductions in the level of cost-sharing will be granted in only a limited number of cases of severe economic hardship.

(2) The test should depend not only on the economic circumstances within a project area, but also on the conditions of the state(s) in which the project area is located. Although states' policies with respect to supporting local interests on flood control projects are not uniform, the state represents a potential source of financial assistance which should be considered in the analysis.

(3) The alternative level of cost-sharing determined under the ability to pay principle should be governed in part by project benefits. If, as a result of the project, local beneficiaries receive more income, or are required to use fewer resources on flood damage repair or replacement, or on flood insurance, a portion of these resources should be available to pay for the non-Federal share, even in those cases where an analysis of current economic conditions indicates that there are relatively limited resources in the project area and its state.

(4) Since project benefits represent availability of resources in the future, but not the present, project sponsors should be permitted to defer a certain percentage of the non-Federal share whenever current economic circumstances suggest that non-Federal resources may be limited.

(g) The Non-Federal interest may, at its discretion, waive the application of the ability to pay test. In this case, the Non-Federal interest shall be considered to have the ability to pay the standard cost-share and no further economic inquiry will be required.

§241.5 Procedures for estimating the alternative cost-share.

(a) Step one, the benefits test. Determine the maximum possible reduction in the level of non-Federal cost-sharing for any project.

(1) Calculate the ratio of flood control benefits (developed using the Water Resources Council's Principles and Guidelines -- ref. §241.3(b)) to flood control costs for the project

based on the discount rate which the Corps is currently using to evaluate projects. Costs include operations and maintenance as well as first costs. Divide the result by four. For example, if the project's (or separable element's) benefit-cost ratio is 1.2:1, the factor for this project equals 0.3. If a project has been authorized for construction without a benefit-cost ratio calculated in accordance with the Principles and Guidelines, determination of the ratio is a prerequisite for consideration under the ability to pay provision.

(2) If the factor determined in §241.5(a)(1), when expressed as a percentage, is greater than the standard level of cost-sharing, the standard level will apply.

(3) If the factor determined in §241.5(a)(1), when expressed as a percentage, is less than the standard level of cost-sharing, projects may be eligible for either a reduction in the non-Federal share to this "benefits based floor" (BBF), or for a partial reduction to a share between the standard level and the BBF, as determined by the procedures in step two, §243.5. In no case however, will the non-Federal cost-share be less than five percent.

(b) Step two, the income test. Projects may qualify for the full amount of the reduction in cost-sharing calculated in Step one, or for some fraction of the reduction in cost-sharing, depending on a measure of the current economic resources of the project area and of the state or states in which the project is located.

(1) To assure consistency, the calculations in §241.5(b) (2) and (3) will be performed by HQUSACE and distributed to all FOA's via Engineering Circulars. The information will be updated and distributed to HQUSACE and to the field as soon as new data are available. The procedures may be verified for any single county or state using the sources cited.

(2) For each of the three latest calendar years for which information is available, determine the level of per capita personal income in the state in which the project beneficiaries are located, and compare this to the national average of per capita personal income. Source: Dept. of Commerce, Bureau of Economic Analysis, as published yearly in the April Survey of Current Business. (If the project beneficiaries are located in Alaska or Hawaii, divide the per capita personal income figure by one plus the percentage used in the Federal Government's cost of living pay differential for Federal workers who purchase local retail and who use private housing, employed in Anchorage, AK or Oahu, HI as contained in References §241.3(c) and (d).) Determine the state's per capita personal income as an index number in comparison to the national average (U.S.=100), and calculate the three year average of the state's index number.

(3) For each of the three latest calendar years for which information is available, determine the level of per capita personal income in the county where the project beneficiaries are located (the "project area"), and compare this to the national average of per capita personal income. Source: Dept. of Commerce, Bureau of Economic Analysis, as published yearly in the April Survey of Current Business. (If the project beneficiaries are located in Alaska or Hawaii, divide the county's per capita personal income figure by

one plus the percentage used in the Federal Government's cost of living pay differential for Federal workers who purchase local retail and who use private housing, employed in Anchorage, AK or Oahu, HI.) Calculate the index for the county's per capita personal income to the national average (U.S.=100), and calculate the three year average of the county's index number.

(4) When the project area, as determined by the location of the project's beneficiaries, includes more than one county, calculate a composite project area index by taking a weighted average of the county index numbers, the weights being equal to the relative levels of benefits received in each county. When the project area includes more than one state, the state index for the project should be calculated using the same weighting technique.

(5) Calculate an "Eligibility Factor" for the project according to the following formula:

$$EF = a - b_1 \times (\text{state factor}) - b_2 \times (\text{area factor}).$$

If EF is one or more, the project is eligible for the full reduction in cost-share to the benefits based floor. If EF is zero or less, the project is not eligible for a reduction. If EF is between zero and one, the non-Federal cost-share will be reduced proportionately to an amount which is greater than the BBF but less than the standard non-Federal cost-share in accordance with the procedures described in paragraph §241.5(c) of this part. The values of a, b₁ and b₂ will be determined by HQUSACE. The parameter values will be based on the latest available data and set so that 20 percent of counties have an EF of 1.0 or more, while 66.7 percent have an EF of 0 or less. These values will be adjusted periodically as new information becomes available. Changes will be published in Engineering Circulars. The values will be set so that b₂=2×b₁, giving local income twice the weight of state income.

(6) Since estimates (available from the Bureau of Economic Analysis) of per capita personal income for Puerto Rico, Guam and other U.S. territories are well below the national average, the eligibility factor for projects in these areas is administratively established to be equal to 1.

(7) For flood control projects sponsored by Native American tribes or villages, the EF shall be calculated using information on tribe or village income as a replacement factor for both the area and state factor (that is multiply the replacement income factor by both b₁ and b₂ and subtract each from a in the equation in §241.5(b)(5)). The replacement factor will be tribe or village income as a percentage of the national average for the equivalent definition of income (for example a Tribe's median family income as a percentage of the median family income for all U.S. families). The data should be the latest available information. It is acceptable, but not required that the data be obtained from the Bureau of the Census, American Indians, Eskimos and Aleuts on Identified Reservations and in Historic Areas of Oklahoma (Excluding Urbanized Areas), part 1, Table 10, or General Social and Economic Characteristics -- United States Summary (1980), Table 252. Since both sources contain information for Native Americans living

on reservations, rather than all Tribe or Village members, the sources should be used only when appropriate, or when no better information is available.

(c) Application of the Ability to Pay Formula to the Basic Cost-sharing Provisions of Section 103. If a flood control project has a BBF which is less than the standard cost-share and an EF which is greater than zero, the non-Federal cost-share will be reduced. The alternative non-Federal share will be calculated and reported to the nearest one tenth of one percent. The actual reduction is determined by applying the ability to pay formula to the basic flood control cost-sharing provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213, as follows:

(1) When $EF \geq 1$, non-Federal cost-share = BBF

(2) For structural projects covered by section 103(a), when $0 < EF < 1$:

(i) If LERRD equals or exceeds 45 percent:

$$\text{non-Federal cost-share} = 50 - EF \times (50 - \text{BBF})$$

(ii) If LERRD exceeds 20 percent but is less than 45 percent:

$$\text{non-Federal cost-share} = (\text{LERRD} + 5) - EF \times [(\text{LERRD} + 5) - \text{BBF}]$$

(iii) If LERRD is less than 20 percent:

$$\text{non-Federal cost-share} = 25 - EF \times (25 - \text{BBF})$$

(3) For non-structural projects covered by section 103(b), when $0 < EF < 1$:

$$\text{non-Federal cost-share} = 35 - EF \times (35 - \text{BBF})$$

(4) In no case, however, can the non-Federal share be less than five percent, even if the calculation made in §241.5(c) (1), (2), or (3) results in a smaller number.

(5) NOTE: LERRD equals the costs of lands, easements, rights-of-way, relocations, and dredged material disposal areas expressed as a percentage of total project costs. The BBF and numerical terms in the equations above are also expressed as percentages.

(d) Additional consideration for high cost projects. For any project where the normal non-Federal share exceeds 35 percent, and the per capita non-Federal cost (i.e., normal non-Federal share of total construction costs divided by the population in the sponsor's geographic jurisdiction) exceeds \$300, the non-Federal share under the ability to pay provision will be either LERRD's (i.e., no cash requirement) or 35 percent, whichever is greater. If LERRD's exceed 50 percent, the non-Federal share remains at 50 percent. Projects which qualify under the benefits and income tests will receive the reduction

under the high cost criteria only if the high cost criteria results in a greater reduction in the non-Federal cost share.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

§241.6 Deferred payments for certain qualifying projects.

(a) Whenever a project's Eligibility Factor exceeds zero, the project sponsor will be permitted to defer a portion of its share of flood control costs. The maximum allowable amount deferred equals the total non-Federal share less (for structural projects) five percent of total project costs and less (for all projects) any amounts for LERRD paid for or acquired by the sponsor prior to the time the PCA is signed. If for example, the non-Federal share of a structural project = 35.0 percent (after the ability to pay adjustment, if any) of which 10 percent is LERRD already paid for by the local sponsor, the maximum allowable amount to be deferred = 20 percent of project flood control costs (35 less the 5 percent cash requirements, less the 10 percent LERRD already acquired). Deferred payments at the option of the sponsor will be allowed regardless of the outcome of the benefits test described in §241.5(a) whenever the Eligibility Factor exceeds zero.

(b) When $EF \geq 1$, the project sponsor may defer as much as the maximum allowable amount as described in §241.6(a).

(c) When $0 < EF < 1$, the sponsor may defer a fraction of the maximum allowable amount described in §241.6(a), where the fraction equals the Eligibility Factor expressed to three decimal places. Continuing the example described in §241.6(a), if $EF = .712$, total allowed deferral equals $.712 \times 20$ percent = 14.2 percent of total project costs.

(d) The deferred payment can be made in equal installments over any period of time selected by the non-Federal sponsor, provided that all repayments are made between the end of construction and thirty years thereafter. The amount repaid shall include interest during the repayment period as well as interest for the appropriate portion of the construction period for any amounts deferred prior to the end of construction. The rate of interest shall be determined in accordance with the provisions of section 106 of Pub. L. 99-662, 33 U.S.C. 2216.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

§241.7 Application of test.

(a) A preliminary ability to pay test will be applied during the study phase of any proposed project. If the ability to pay cost-share is lower than the standard share, the revised estimated cost-share will be used for budgetary and other planning purposes.

(b) The official application of the ability to pay test will be made at the time the Project Cooperation Agreement (PCA) between the Corps of Engineers and the Non-Federal sponsor is signed. For structural flood control projects, the standard level of cost-sharing will not be known until the end of the project (since the standard level as specified in section 103(a), 33 U.S.C. 2213, includes LERRD). In this case, if the Eligibility Factor is greater than zero but less than one, the ability to pay non-Federal share will be determined using estimated costs.

(c) The PCA for all projects subject to the ability to pay test will include a "whereas" clause indicating the results of the test. If the project is eligible for a lower non-Federal share:

(1) The revised share will be specified in the PCA (there will be no recalculation of this share once the PCA is signed).

(2) An exhibit attached to the Project Cooperation Agreement (PCA) will include the Benefits Based Floor (BBF) determined in §241.5(a); the Eligibility Factor (EF) determined in §241.5(b); If the Eligibility Factor is greater than zero but less than one, the estimated standard non-Federal share; the formula used in determining the ability to pay share as described in §241.5(c)(1) through (c)(4); and a display of the non-Federal cost share under the high cost criteria described in §241.5(d).

(d) If at the time of project completion, the standard non-Federal share based on actual costs is less than the ability to pay share specified in the PCA, the standard share will apply.

(e) For structural projects. (1) If the standard LERRD plus cash requirement exceeds the ability to pay cost-share, the Federal Government will make any necessary adjustments in expenditures in the following order: First, paying any cash requirement in excess of five percent of total project costs (if any) that would, under standard cost-sharing, have been the responsibility of the non-Federal sponsor; second, making payments for LERRD; and third, providing for reimbursement at the end of construction. Federal payments for LERRD will be made only after the non-Federal payment for LERRD reaches a percentage of total project costs equal to the ability to pay non-Federal cost-share less the five percent cash requirement. If such arrangements are necessary, the PCA should be prepared to reflect agreement on the best manner available for acquisition of those LERRD over the limiting percentage, or for reimbursing the sponsor upon completion of construction.

(2) The non-Federal sponsor will be required to provide a cash payment equal to the minimum of five percent of estimated project costs, regardless of the outcome of the ability to pay test, unless any or all of the five percent cash requirement is waived by application of the high cost criteria described in §241.5(d). The project sponsor shall make cash payments during construction at a rate such that the amount of non-Federal payments in each year, as a percentage of total non-Federal cash payments, equals the

amount of Federal expenditures (including sunk pre-construction engineering and design costs as a first year Federal construction expenditure) as a percentage of total Federal expenditures. Total Federal expenditures include cash payments for construction and if necessary (due to ability to pay considerations), for LERRD, and for reimbursement to the non-Federal sponsor. Total Federal expenditures for the purpose of this calculation, do not include expenditures which allow the non-Federal sponsor to defer payment of the non-Federal share under the provisions of this rule.

(f) For non-structural projects, reductions in the non-Federal cost-share as a result of the ability to pay test will not affect the procedures for determining the non-Federal and Federal payment schedules. For non-structural projects, no specific cash payments during construction are required by law.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

(An additional URL for retrieval of the Ability-To-Pay procedures from the Code of Federal Regulations (CFR)

[<http://ecfr.access.gpo.gov/otcgl/cfr/otfilter.cgi?DB=3&query=33000000241®ion=BI&BSRT&action=view&SUBSET=SUBSET&FROM=1&SIZE=10&ITEM=1>])